

FIG. 1

GRAPHICS PROGRAM 108

GRAPHICAL USER INTERFACE 200

IMAGE ENGINE 202

2D
DATABASE
210

DATABASE 204

3D
DATABASE
208

DWG FILES 206

FIG. 2

3D DATABASE
208

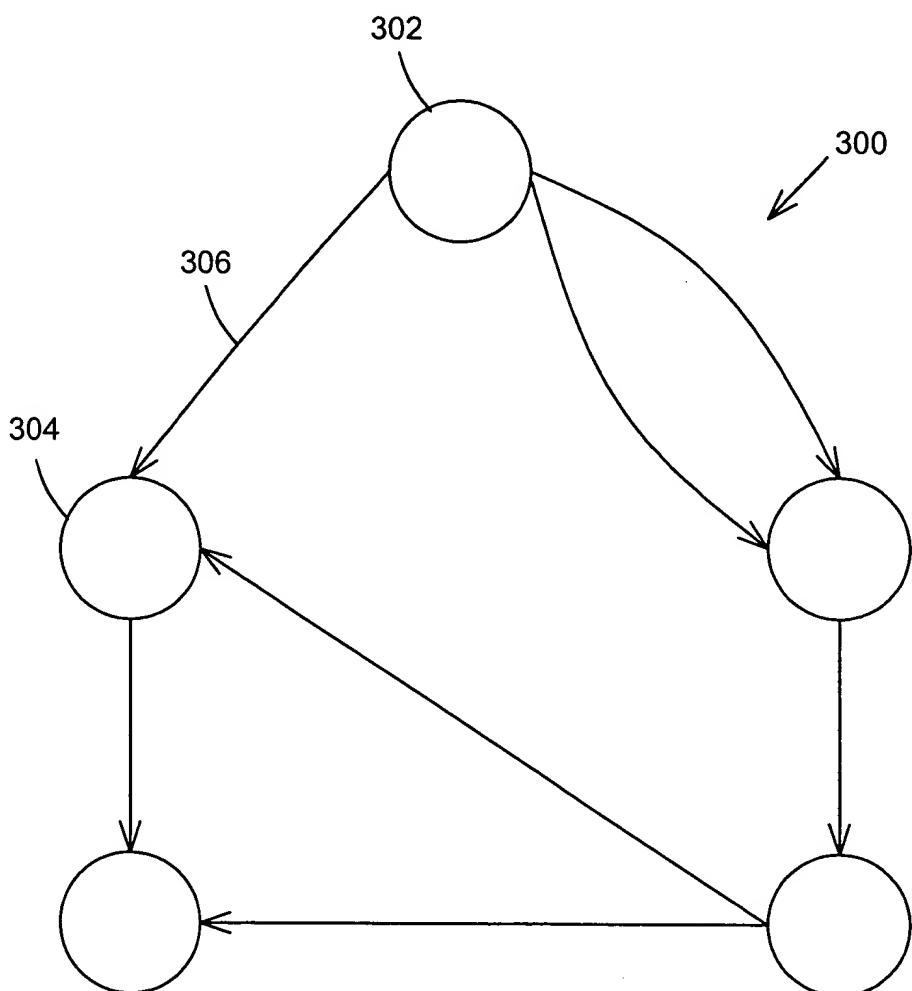


FIG. 3

2D VIEWPORT 210

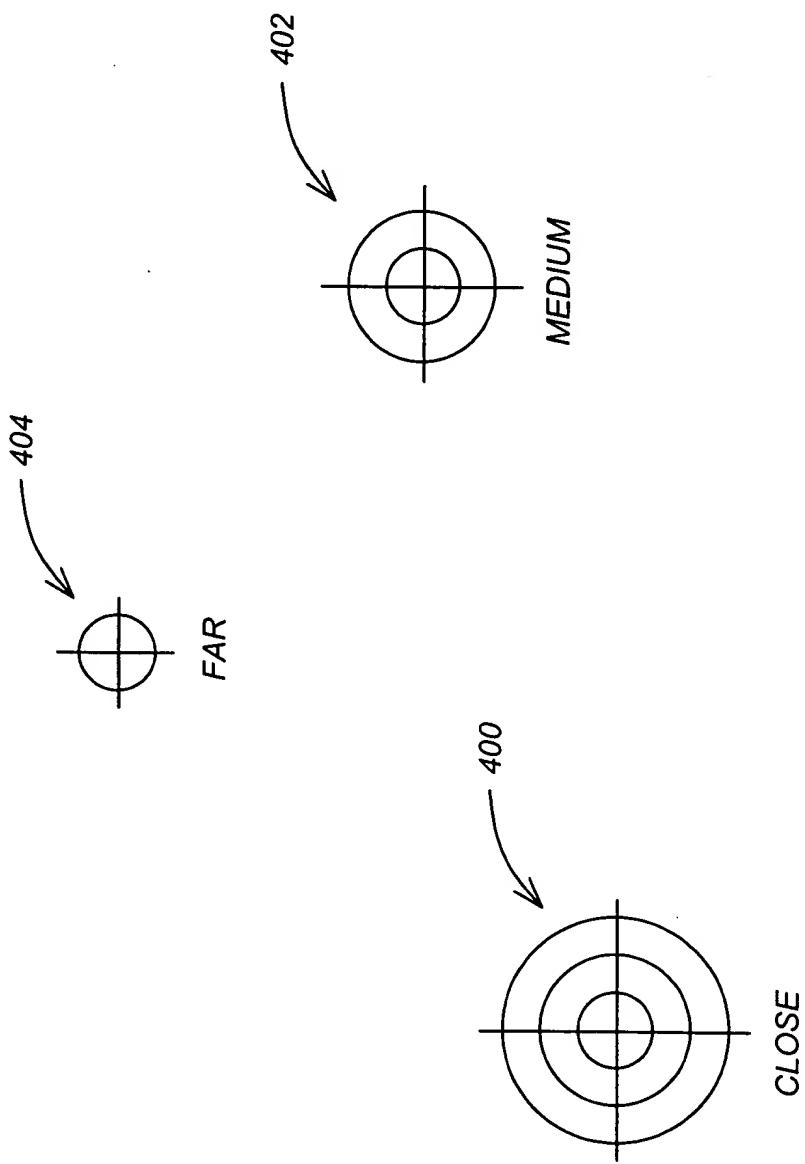


FIG. 4A

2D VIEWPORT 210

408
410
412
CLOSE
FAR
MEDIUM

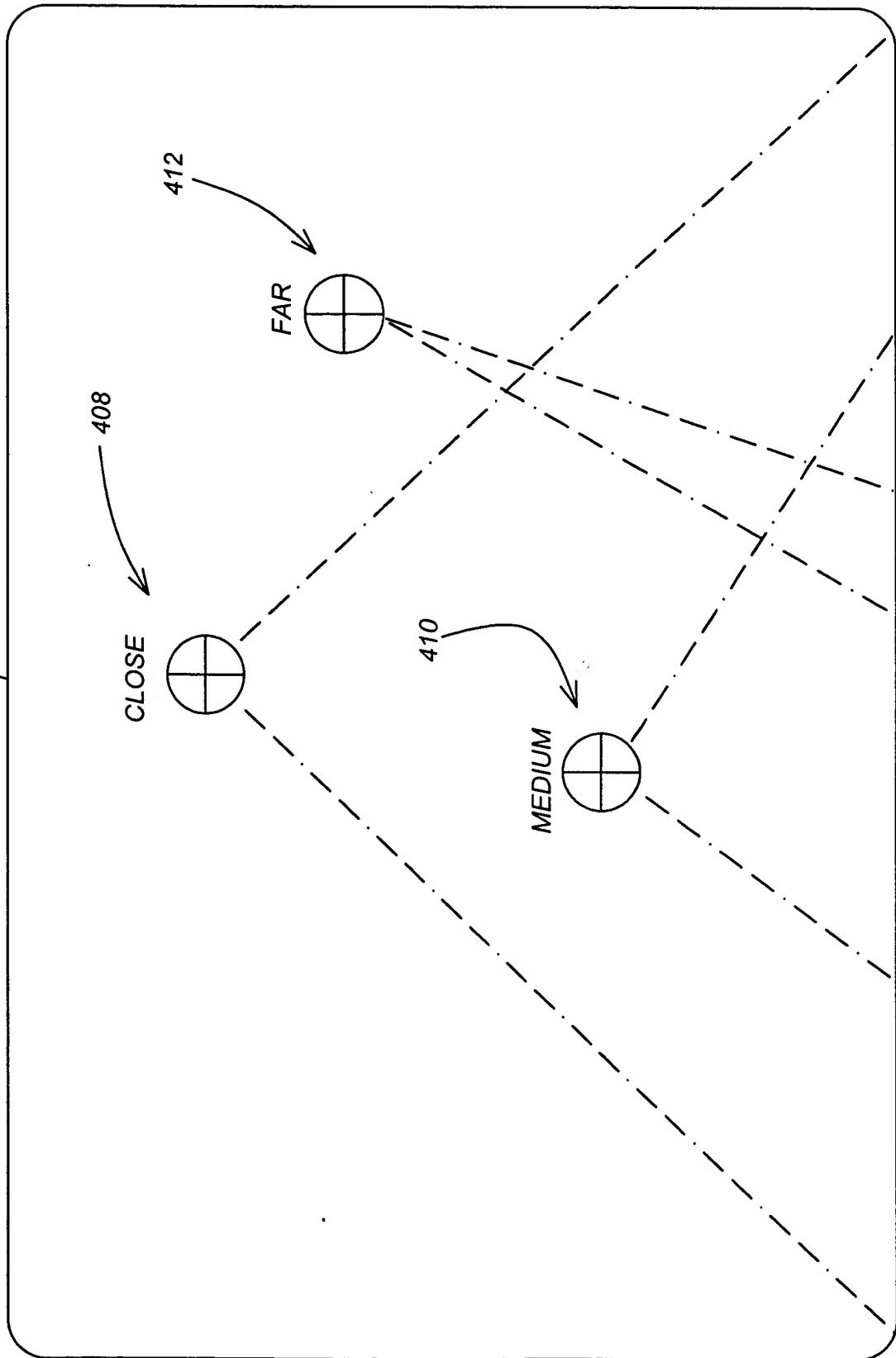


FIG. 4B

2D VIEWPORT 210

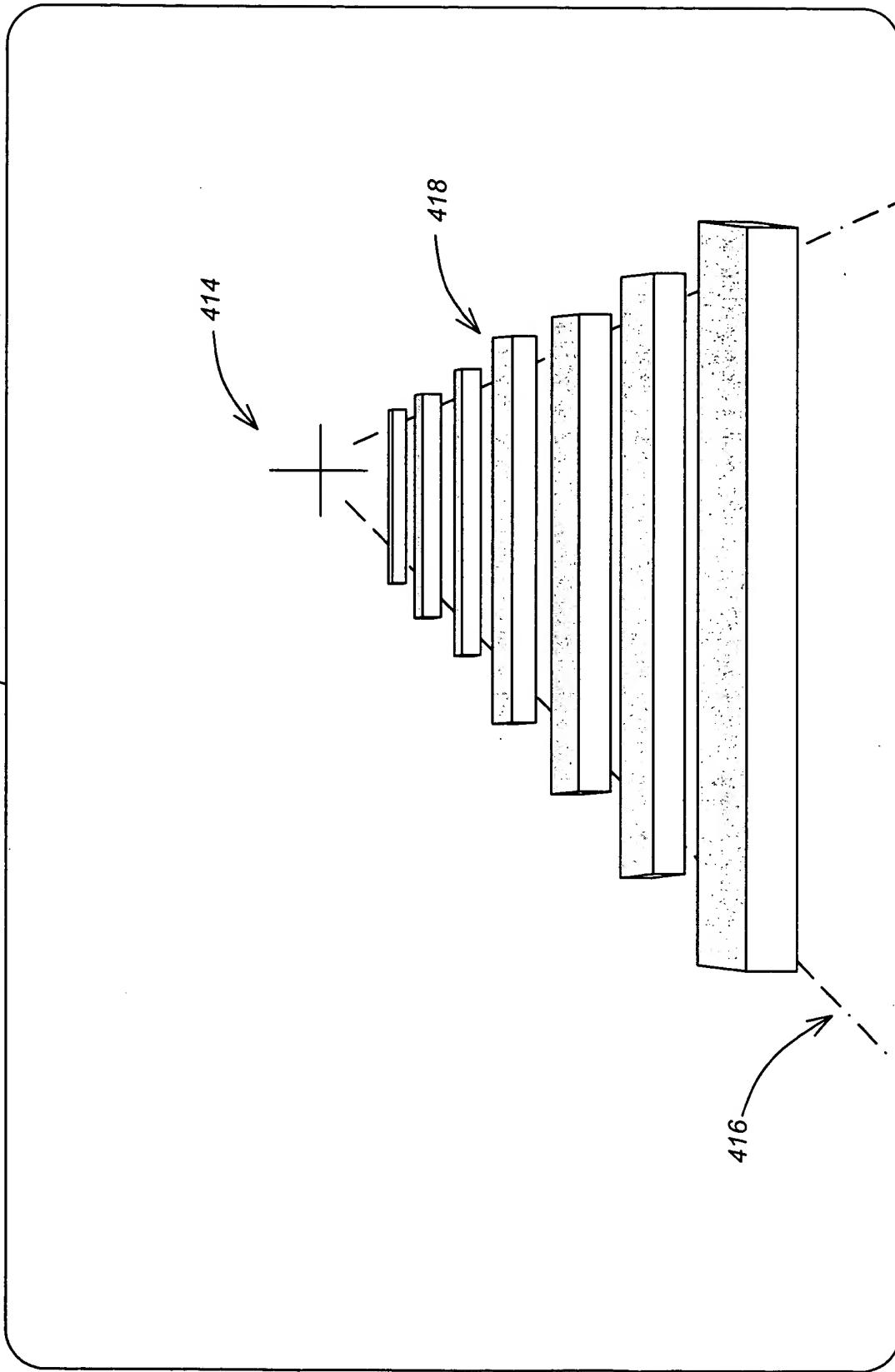


FIG. 4C

2D VIEWPORT 210

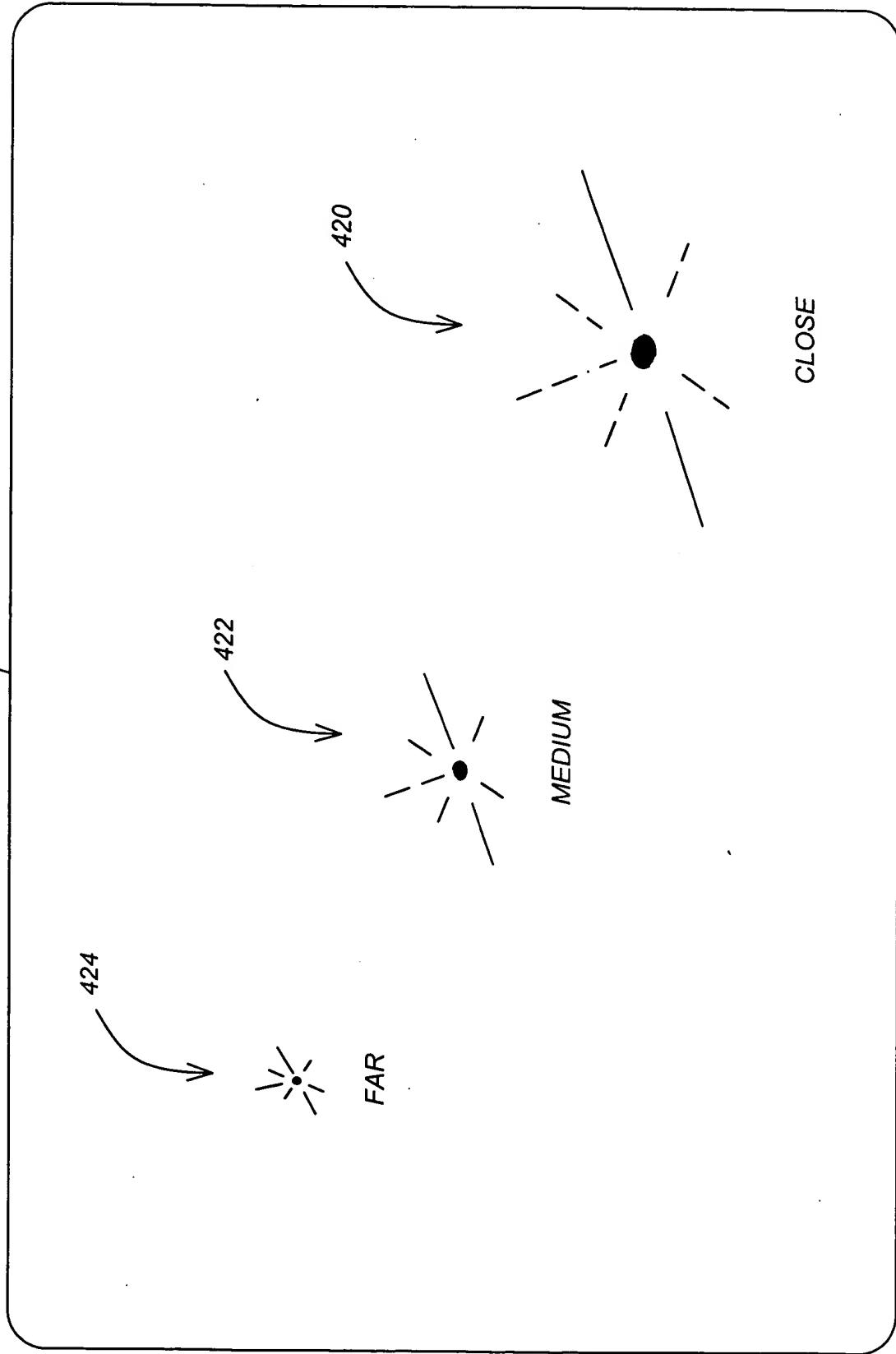


FIG. 4D

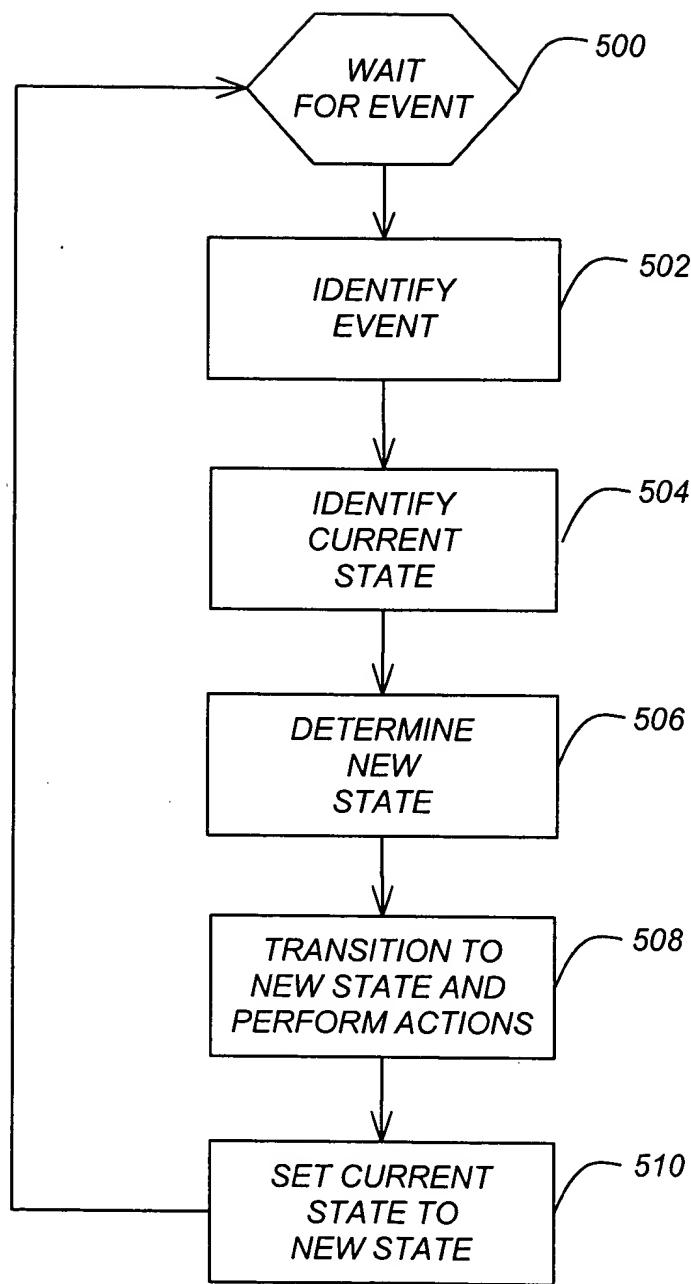


FIG. 5

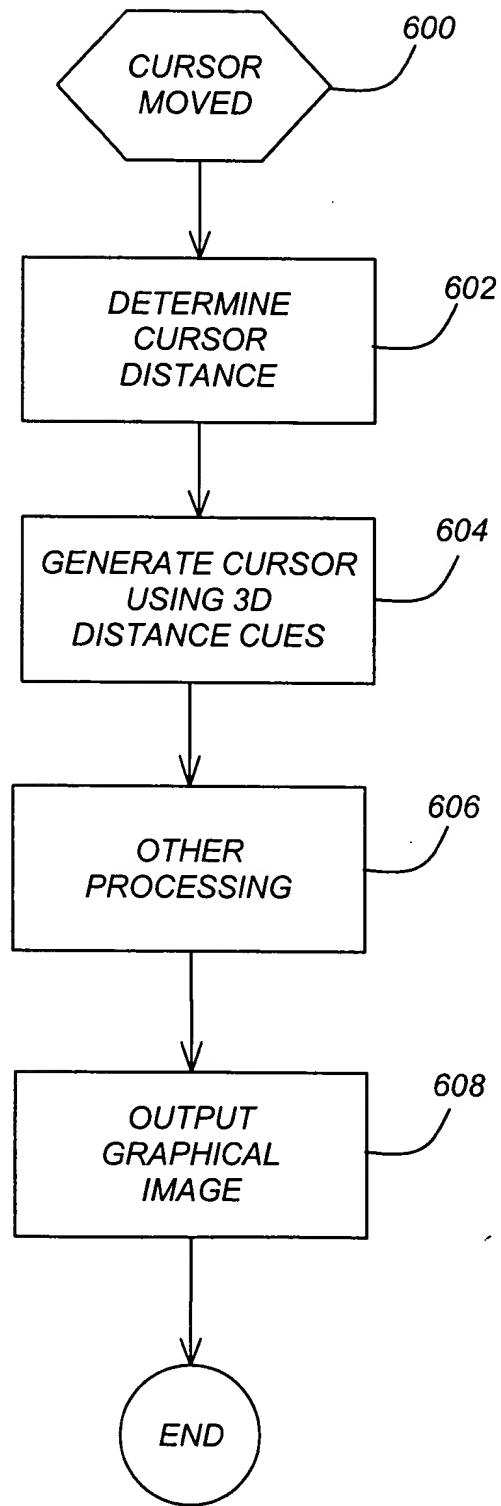


FIG. 6